BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill							12/11/2024
Item No	21							
Item Name	KSRB 2.3 : Filling available excavated earth (excluded rock)in side of founation upto plinth in layers not exceeding 20cms In depth compacting each deposited layers by ramming after watering with lead up to 50m. And lift up to 1.5m including cost of all labours complete as per specification (page 7 : item 2.10 @ P.W.D SR-2018-19)							

S.N	Description of work	Unit	No	No	L	B	D	Qty
	FILLING EARTH UP TO PLINTH LEVEL							
	Excavation for footing in ordinary soil	Cum	Qty videEMB-1 P.no 4					974.00
	EXISTING GROUND TO PLINTH TOP LEVEL							
		Cum	1	1	38.1	7.5	(0.41+0.8) /2	172.87
		Cum	1	1	44	10.92	0.75	360.36
		Cum	1	1	8.15	6.7	0.75	40.95
	Deduct							
	Trap broken metal	Cum	Qty videEMB-1 P.no 8					-70.93
	P.C.C	Cum	Qty videEMB-1 P.no 10					-131.57
	Footing Concrete	Cum	Qty videEMB-2 P.no 18					-138.70
	Plinth concrete	Cum	Qty videEMB-3 P.no 25					32.22
	size stone	Cum	Qty videEMB-4 P.no 26 & 27					-178.26
					Total Qty Work Done			1060.94
					Qty Payble in This Bill			582.19
		Reserve Qty				Above Tender Qty		478.75

For M/s. K. DAMODAR & Co.

Contactor
D. MANJUNATH
Managing Partner

12/11/2024

Assitant Engineer
Ward No-16,
BBMP

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants

12/11/2024

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill							22/11/2024
Item No	50							
Item Name	KSRB 4-6.3: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for flat surface such as suspended floors,roofs,landings,balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PWD SR 2018-19) For Ground Floor							

S.N	Description of work	Unit	No	No	L	B	D	Qty
	Roof slabcentring for ground floor							
	B7,B8 to M7,M8	Sqm	1	1	38.1	7.15		272.42
	A2,A7 to N2,N7	Sqm	1	2	8.75	2.15		37.63
		Sqm	1	1	14.3	2.76		39.47
	A2,A6 to C2,C6	Sqm	1	2	8.75	8.02		140.35
		Sqm	1	1	19.69	6.7		131.92
	Portico	Sqm	1	1	6.95	6.09		42.33
		Sqm	1	2	0.6	6.69		8.03
		Sqm	1	1	0.6	6.55		3.93
	slab projaction							0.00
		Sqm	1	14	0.55	1.45		11.17
		Sqm	1	1	0.55	2.05		1.13
		Sqm	1	1	0.55	1.5		0.83
	Deduct							
	B8,C8,E8,G8,H8,J8,L8,M8,A2,C2,D3,K3,L2,N2	Sqm	1	14	0.2	0.2		-0.56
	B7,C7,E7,G7,H7,J7,L7,M7,A6,C6,D5,F5,I5,K5,N6,C4,L4,F2,F1,F2,I2,I1	Sqm	1	22	0.2	0.75		-3.3
	Landscape	Sqm	1	1	4.1	4.45		-18.25
							Total Qty	667.08

For M/s. K. DAMODAR & Co.

Contactor
D. MANJUNATH
Managing Partner

22/11/2024

Assistant Engineer
Ward No-16,
BBMP

CIVIL QUALITY CONSULTANTS & ENGINEERS
Consultants

22/11/2024

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill	21/11/2024

Item No	44
Item Name	KSRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides and soffits of beams, beam haunchings, cantilever, girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.17, I.No.4.34 of PWD S.R 2018-19) For Ground Floor

S.N	Description of work	Unit	No	No	L	B	D	Qty
	Beam side ground floor							
	B1,B2,B3,B4,B5,B6,B7,B9 ,B10,B11,B13,B14,B15	Sqm	12	2	5.4		0.45	58.32
	B30B	Sqm	1	2	4.9		0.45	4.41
		Sqm	1	2	5.3		0.45	4.77
	B33,B36,B38	Sqm	8	2	6.75		0.45	48.6
	B8,B12	Sqm	1	2	4.1		0.45	3.69
	B32	Sqm	4	2	2.15		0.45	7.74
	Column	Sqm	2	1	0.55		0.45	0.50
		Sqm	4	2	2.76		0.45	9.94
	B16,B28,B17,B29	Sqm	4	1	8.35		0.45	15.03
		Sqm	4	1	8.75		0.45	15.75
	Deduct	Sqm	2	8	0.2		0.45	-1.44
	B30A	Sqm	2	1	8.02		0.45	7.218
		Sqm	2	1	7.62		0.45	6.86
	B31,B34,B35	Sqm	4	2	7.62		0.45	27.43
	Deduct	Sqm	2	1	0.2		0.45	-0.18
		Sqm	2	1	0.55		0.45	0.495
	Staircase Beam	Sqm	2	2	3.4		0.6	8.16
		Sqm	2	2	3.4		0.45	6.12
		Sqm	2	4	3.4	0.2		0
	B19 ,B20,B21	Sqm	2	2	19.69		0.6	47.26

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		Sqm	4	2	6.3		0.6	30.24
	Deduct	Sqm	1	12	0.2		0.6	-1.44
	Portico	Sqm	2	1	5.89		0.6	7.07
		Sqm	2	1	6.09		0.6	7.31
		Sqm	1	1	6.55		0.6	3.93
		Sqm	1	1	6.75		0.6	4.05
	Deduct	Sqm	2	1	0.55		0.6	-0.66
	Column	Sqm	8	1	1.3		0.45	4.68
		Sqm	2	1	0.55		0.6	0.66
		Sqm	2	1	0.55		0.45	0.50
	Roof Edge							0
	B8 to M8	Sqm	1	1	45.8		0.15	6.87
		Sqm	2	1	4.25		0.15	1.28
		Sqm	2	1	7.5		0.15	2.25
	A'2 to A'7	Sqm	2	1	15.12		0.15	4.54
	N'2 to N'2	Sqm	2	1	13.65		0.15	4.10
		Sqm	1	1	15.64		0.15	2.35
	Stair case	Sqm	2	2	4.8		0.15	2.88
	Deduct	Sqm	2	1	0.55		0.15	-0.165
	Portico	Sqm	1	2	6.69		0.15	2.01
		Sqm	1	1	8.15		0.15	1.22
							Total Qty	354.31
						Qty Payble in This Bill		331.41
		Reserve Qty				**Above Tender Qty**		22.90

For M/s. K DAMODAR & Co.

Contactor

D. MANJUNATH
Managing Partner

Consultants

21/11/2021

Assitant Engineer
Ward No-16,
BBMP

21/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No : 1st RA bill 29/01/2021

Item No	71							
Item Name	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS (P.No.18, I.No.4.46.2 of PWD SR 2018-19)							

S.N	Description of work	Unit	No	No	L	B	D	Qty
		Qty videEMB-1 P.no 16					Tonne	13.71 ~~12.46~~
	Ground roof Beam							
	B1 to B3 & B5 to B7							
	Main top bar	16MM	1	2	2	18.1	1.58	114.39
	Main btm bar	16MM	1	2	2	18.1	1.58	114.39
	EX.bar top middle	20MM	1	2	2	3.6	2.46	35.42
	EX.bar top middle	20MM	1	2	2	3.9	2.46	38.38
	EX.bar bottom	20MM	1	6	2	4.2	2.46	123.98
	strrups 150c/c	8MM	1	12	12	1.48	0.39	83.12
	strrups 150c/c	8MM	1	6	12	1.48	0.39	41.56
	Spacer Bar	20MM	1	6	2	0.18	2.46	5.31
	B8							0.00
	Main top bar	16MM	1	1	2	5.6	1.58	17.70
	Main btm bar	16MM	1	1	2	5.6	1.58	17.70
	EX.bar bottom	16MM	1	1	2	3.2	1.58	10.11
	strrups 150c/c	8MM	1	2	10	1.48	0.39	11.544
	strrups 150c/c	8MM	1	1	9	1.48	0.39	5.1948
	Spacer Bar	20MM	1	1	4	0.18	2.46	1.77
	B9 to B15							
	Main top bar	20MM	1	1	2	39.2	2.46	192.86
	Main btm bar	20MM	1	1	2	39.2	2.46	192.86
	Main top bar	20MM	1	2	2	4.05	2.46	39.85
	Main btm bar	20MM	1	2	2	4.05	2.46	39.85

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	EX.bar top Ends	20MM	1	2	3	2.45	2.46	36.16
	EX.bar top middle	20MM	1	4	2	3.6	2.46	70.85
	EX.bar top middle	20MM	1	2	2	3.2	2.46	31.49
	EX.bar bottom	20MM	1	6	2	4.2	2.46	123.98
	EX.bar bottom	20MM	1	2	2	2.15	2.46	21.16
	strrups 150c/c	10MM	1	2	12	1.48	0.617	21.92
	strrups 150c/c	8MM	1	10	12	1.48	0.39	69.26
	strrups 150c/c	8MM	1	6	12	1.48	0.39	41.56
	strrups 150c/c	10MM	1	2	19	1.48	0.617	34.70
	strrups 150c/c	8MM	1	2	10	1.48	0.39	11.54
	strrups 150c/c	8MM	1	1	10	1.48	0.39	5.77
	Spacer Bar	20MM	1	7	4	0.18	2.46	12.40
	B38							
	Main top bar	20MM	2	1	2	11.56	2.46	113.75
	Main btm bar	20MM	2	1	2	11.56	2.46	113.75
	EX.bar top ends	20MM	2	4	3	6.16	2.46	363.69
	EX.bar bottom	20MM	2	1	2	9.66	2.46	95.05
	strrups 150c/c	10MM	2	1	46	1.48	0.617	84.01
	strrups 150c/c	10MM	2	1	19	1.48	0.617	34.70
	Spacer Bar	20MM	2	6	2	0.18	2.46	10.63
	B32 to B33							
	Main top bar	20MM	1	2	2	10.95	2.46	107.75
	Main btm bar	20MM	1	2	2	10.95	2.46	107.75
	EX.bar top ends	20MM	1	2	3	2.55	2.46	37.64
	EX.bar bottom	20MM	1	2	2	9.05	2.46	89.05
	strrups 150c/c	10MM	2	2	15	1.48	0.617	54.79
	strrups 150c/c	8MM	1	2	16	1.48	0.39	18.47
	strrups 150c/c	10MM	1	2	15	1.48	0.617	27.39
	Spacer Bar	20MM	1	1	4	0.18	2.46	1.77
	B30A to B30B							
	Main top bar	20MM	1	2	2	11.47	2.46	112.86
	Main btm bar	20MM	1	2	2	11.47	2.46	112.86
	EX.bar top	20MM	1	2	2	4.7	2.46	46.25
	EX.bar bottom	20MM	1	2	2	9.37	2.46	92.20

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	strrups 150c/c	8MM	2	2	13	1.48	0.617	47.48
	strrups 175c/c	8MM	1	2	24	1.48	0.39	27.71
	strrups 150c/c	8MM	1	2	15	1.48	0.617	27.39
	Spacer Bar	20MM	1	1	6	0.18	2.46	2.66
	B16,B17,B28,B29							
	Main top bar	20MM	1	4	3	8.65	2.46	255.35
	Main btm bar	20MM	1	4	3	8.65	2.46	255.35
	EX.bar top	20MM	1	4	3	3.75	2.46	110.70
	EX.bar bottom	20MM	1	4	2	6.95	2.46	136.78
	strrups 150c/c	10MM	2	4	15	1.48	0.617	109.58
	strrups 175c/c	10MM	1	4	14	1.48	0.617	51.14
	strrups 150c/c	10MM	1	4	10	1.48	0.617	36.53
	Spacer Bar	20MM	1	4	4	0.18	2.46	7.08
	B31							
	Main top bar	20MM	1	2	2	9.67	2.46	95.15
	Main btm bar	20MM	1	2	3	9.67	2.46	142.73
	EX.bar bottom	20MM	1	2	3	6.12	2.46	90.33
	strrups 100c/c	10MM	2	2	23	1.78	0.617	101.04
	strrups 150c/c	10MM	1	2	23	1.78	0.617	50.52
	Spacer Bar	20MM	1	1	2	0.18	2.46	0.89
	B18 to B22							
	Main top bar	20MM	1	1	2	27.99	2.46	137.71
	Main btm bar	20MM	1	1	2	27.99	2.46	137.71
	EX.bar top middle	20MM	1	2	2	3.15	2.46	31.00
	EX.bar top middle	20MM	1	2	2	4.1	2.46	40.34
	EX.bar bottom	20MM	1	2	2	2.7	2.46	26.57
	EX.bar bottom	20MM	1	2	2	4.87	2.46	47.92
	EX.bar bottom	20MM	1	2	2	5.15	2.46	50.68
	strrups 150c/c	8MM	1	4	8	1.48	0.39	18.47
	strrups 150c/c	8MM	1	2	8	1.48	0.39	9.24
	strrups 150c/c	8MM	1	4	14	1.48	0.39	32.32
	strrups 150c/c	8MM	1	2	15	1.48	0.39	17.32
	strrups 150c/c	8MM	1	2	14	1.48	0.39	16.16
	strrups 150c/c	8MM	1	1	16	1.48	0.39	9.24

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	Spacer Bar	20MM	1	5	2	0.18	2.46	4.43
	B34 to B36							
	Main top bar	20MM	2	1	2	18.32	2.46	180.27
	Main btm bar	20MM	2	1	2	18.32	2.46	180.27
	EX.bar top middle	20MM	2	2	2	3.1	2.46	61.01
	EX.bar top middle	20MM	2	2	2	3.5	2.46	68.88
	EX.bar bottom	20MM	2	2	2	1.2	2.46	23.62
	EX.bar bottom	20MM	2	2	2	4.52	2.46	88.95
	EX.bar bottom	20MM	2	2	2	8.7	2.46	171.22
	strrups 150c/c	8MM	2	2	8	1.48	0.39	18.47
	strrups 175c/c	8MM	2	1	8	1.48	0.39	9.24
	strrups 150c/c	10MM	2	2	14	1.48	0.617	51.14
	strrups 175c/c	8MM	2	1	15	1.48	0.39	17.32
	strrups 150c/c	10MM	2	2	5	1.48	0.617	18.26
	strrups 175c/c	8MM	2	1	8	1.48	0.39	9.24
	strrups 150c/c	10MM	2	2	14	1.48	0.617	51.14
	strrups 175c/c	8MM	2	1	16	1.48	0.39	18.47
	Spacer Bar	20MM	1	2	4	0.18	2.46	3.54
	B23,B24							
	Main top bar	12MM	2	1	2	4.9	2.46	48.22
	Main btm bar	16MM	2	1	2	4.9	2.46	48.22
	EX.bar bottom	16MM	2	1	2	2.7	2.46	26.57
	strrups 150c/c	8MM	2	2	8	1.48	0.617	29.22
	strrups 200c/c	8MM	2	1	8	1.48	0.617	14.61
	Spacer Bar	20MM	1	2	4	0.18	2.46	3.54
	B25 to B27							
	Main top bar	20MM	1	1	2	20.79	2.46	102.29
	Main btm bar	20MM	1	2	2	20.79	2.46	204.57
	EX.bar top middle	20MM	1	1	3	4.1	2.46	30.26
	EX.bar bottom	20MM	1	1	3	4.87	2.46	35.94
	EX.bar bottom	20MM	1	1	2	5.15	2.46	25.34
	EX.bar bottom	20MM	1	1	2	4.87	2.46	23.96

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	strrups 150c/c	10MM	1	2	14	1.48	0.617	25.57
	strrups 175c/c	8MM	1	2	14	1.48	0.39	16.16
	strrups 150c/c	10MM	1	1	14	1.48	0.617	12.78
	strrups 175c/c	8MM	1	1	15	1.48	0.39	8.66
	strrups 150c/c	10MM	1	2	14	1.48	0.617	25.57
	strrups 175c/c	8MM	1	1	16	1.48	0.39	9.24
	Spacer Bar	20MM	1	3	4	0.18	2.46	5.31
	B37							
	Main top bar	20MM	2	1	3	8.45	2.46	124.72
	Main btm bar	20MM	2	1	3	8.45	2.46	124.72
	EX.bar bottom	20MM	2	1	3	5	2.46	73.80
	strrups 100c/c	10MM	2	2	20	1.78	0.617	87.86
	strrups 150c/c	10MM	2	1	18	1.78	0.617	39.54
	Spacer Bar	20MM	2	1	4	0.18	2.46	3.54
	B39 to B40							
	Main top bar	20MM	2	1	2	14.2	2.46	139.73
	Main btm bar	20MM	2	1	2	14.2	2.46	139.73
	Ex.bar top	20MM	2	1	3	4.45	2.46	65.68
	EX.bar bottom	20MM	2	1	3	9.85	2.46	145.39
	strrups 150c/c	10MM	2	2	12	1.78	0.617	52.72
	strrups 175c/c	10MM	2	1	8	1.78	0.617	17.57
	strrups 150c/c	10MM	2	2	14	1.78	0.617	61.50
	strrups 175c/c	10MM	2	1	12	1.78	0.617	26.36
	Spacer Bar	20MM	2	1	4	0.18	2.46	3.54
	BA							
	Main top bar	20MM	1	1	2	8.35	2.46	41.08
	Main btm bar	20MM	1	1	2	8.35	2.46	41.08
	EX.bar bottom	20MM	1	1	3	5.25	2.46	38.75
	strrups 100c/c	10MM	1	2	21	1.78	0.617	46.13
	strrups 150c/c	10MM	1	1	18	1.78	0.617	19.77
	Ground roof slab							
	B7,8 to G7,8 & H7,H8 to M7,M8							
	Main bar 150c/c	10MM	1	2	22	17.92	0.617	486.49
	Main bar 150c/c	10MM	1	2	22	17.2	0.617	466.95
	Dis. bar	10MM	1	2	108	7.35	0.617	979.55
	Ex.bar Ends	10MM	2	2	46	1.93	0.617	219.11
	Dis. bar	10MM	1	4	14	7.1	0.617	245.32
	Ex.bar middile	10MM	1	4	46	3.5	0.617	397.35

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	Dis. bar	10MM	1	4	24	7.1	0.617	420.55
	chairs 1000 c/c	10MM	6	2	8	1.5	0.617	88.85
	passage							
	A6,A7 to N6,N7							
	Main bar 150c/c	10MM	1	2	29	2.99	0.617	107.00
	Main bar 150c/c	10MM	1	2	28	2.75	0.617	95.02
	Main bar 150c/c	10MM	1	1	86	3.2	0.617	169.80
	Main bar 150c/c	10MM	1	1	86	2.96	0.617	157.06
	Dis. bar	10MM	1	1	15	44	0.617	407.22
	Dis. bar	10MM	1	1	5	26.9	0.617	82.99
	Ex.bar Ends	10MM	1	4	15	1.95	0.617	72.19
	Dis. bar	10MM	1	4	24	2.55	0.617	151.04
	Ex.bar middile	10MM	1	4	20	3	0.617	148.08
	Dis. bar	10MM	1	4	21	3.36	0.617	174.14
	chairs 1000 c/c	10MM	1	2	44	1.5	0.617	81.44
	A2,A5 to C2,C5 & L2,L5 to N2,N5							
	Main bar 150c/c	12MM	1	2	26	9.14	0.888	422.05
	Main bar 150c/c	12MM	1	2	26	8.9	0.888	410.97
	Dis. bar	10MM	1	2	84	8.02	0.617	831.32
	Ex.bar 150c/c	10MM	1	2	10	3.5	0.617	43.19
	Ex.bar 100c/c	10MM	1	2	70	3.5	0.617	302.33
	Dis. bar	10MM	1	4	32	9.75	0.617	770.02
	Ex.bar middile	10MM	1	4	52	2.4	0.617	308.01
	Dis. bar	10MM	1	4	17	8.02	0.617	336.49
	concealed Beam							
	Main bar	16MM	1	1	4	7.25	1.58	45.82
		12MM	1	1	4	7.25	0.888	25.75
	Strrups 150c/c	8MM	1	1	43	47	0.39	788.19
	chairs 1000 c/c	10MM	2	2	8	1.5	0.617	29.62
	D3,D5 to I3I5							
	Main bar 150c/c	10MM	1	1	32	20.51	0.617	404.95
	Main bar 150c/c	10MM	1	1	32	19.79	0.617	390.73
	Dis. bar	10MM	1	1	84	6.7	0.617	347.25
	Ex.bar 150c/c	10MM	1	2	64	2.3	0.617	181.64
	Dis. bar	10MM	1	2	21	6.7	0.617	173.62

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	Ex.bar 100c/c	10MM	1	2	64	4.1	0.617	323.80
	Dis. bar	10MM	1	4	32	6.7	0.617	529.14
	Ex.bar 100c/c	10MM	1	2	42	9.3	0.617	482.00
	Dis. bar	10MM	1	2	21	11.9	0.617	308.38
	Ex.bar 100c/c	10MM	1	1	66	14.5	0.617	590.47
	Dis. bar	10MM	1	1	32	17.1	0.617	337.62
	concealed Beam							
	Main bar	16MM	1	1	4	19.69	1.58	124.44
		12MM	1	1	4	19.69	0.888	69.94
	Strrups 150c/c	8MM	1	1	132	1.08	0.39	55.60
	chairs 1000 c/c	10MM	3	2	8	1.5	0.617	44.42
	Portico							
	Main bar 150c/c	12MM	1	1	20	7.29	0.888	129.47
	Main bar 150c/c	12MM	1	1	20	7.05	0.888	125.21
	Dis. bar	12MM	1	1	45	6.3	0.888	251.75
	Ex.bar 150c/c	12MM	1	1	84	6.7	0.888	499.77
	Dis. bar	12MM	1	2	64	2.3	0.888	261.43
	typ 150c/c	12MM	1	2	41	1.7	0.888	123.79
		12MM	1	2	11	6.3	0.888	123.08
	concealed Beam.							
	Main bar	16MM	1	1	4	6.3	1.58	39.82
		12MM	1	1	4	6.3	0.888	22.38
	Strrups 150c/c	8MM	1	1	43	1.08	0.39	18.11
	Beam bottom slab	12MM	1	2	46	1	0.888	547.36
		12MM	1	2	5	6.7	0.888	8.88
		12MM	1	1	55	1	0.888	48.84
	chairs 1000 c/c	10MM	1	4	6	1.5	0.617	22.21
	slab projaction							0.00
	Main bar 150c/c	10MM	1	14	10	1.3	0.617	112.29
	Dis. bar 150c/c	8MM	1	14	8	1.4	0.39	61.15
	Main bar 150c/c	10MM	1	1	15	1.3	0.617	12.03
	Dis. bar 150c/c	8MM	1	1	8	2.05	0.39	6.40
	Main bar 150c/c	10MM	1	1	11	1.3	0.617	8.82
	Dis. bar 150c/c	8MM	1	1	8	1.5	0.39	4.68
							Kg	24334.26
							Tonne	24.33
							Total ton	38.00 27.00

For M/s. K DAMODAR & Co.

Contractor
D. MANJUNATH
Managing Partner

Assistant Engineer
Ward No-16,
BBMP

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No : 1st RA bill 31/12/2024

Item No 47

Item Name: Providing and laying cement concrete using 20mm down size granite jelly of ready mixed concrte (RMC) for R.C.C works laid in 15cms thick and well compacted vibrating, curing etc.,including smooth finish cement mortar 1:3,with all lead lifts etc., complete (exclusive of cost of steel and fabrication charges) -Ready mixed cement concrete for Beams,columns,staircase and Roof with M-25 (1:1.5:3)(Cement-320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2) For Ground Floor

S.N	Description of work	Unit	No	No	L	B	D	Qty
	B7B8 to M7M8	Cum	1	1	38.1	7.15	0.15	40.86
	A2A7 to N2N7	Cum	1	2	8.75	2.15	0.15	5.64
		Cum	1	1	14.3	2.76	0.15	5.92
	A2 ,A'6 to C2,C6 ^&L2,L6 to N'2,N6	Cum	1	2	8.75	8.02	0.15	21.05
	D3,D5 to K3,K5	Cum	1	1	19.69	6.7	0.15	19.79
	Portico	Cum	1	1	6.95	6.09	0.15	6.35
		Cum	1	2	0.6	6.69	0.15	1.20
		Cum	1	1	0.6	6.55	0.15	0.59
	slab projaction	Cum						0.00
		Cum	1	14	0.55	1.45	0.15	1.67
		Cum	1	1	0.55	2.05	0.15	0.17
		Cum	1	1	0.55	1.5	0.15	0.12
	Deduct							
	Landscape	Cum	1	1	4.1	4.45	0.15	-2.74
	B1,B2,B3,B5,B6,B7,B9,B10,B11,B13,B14,B15	Cum	1	12	5.4	0.2	0.45	5.83
	B30B A'6A'7, A'B7	Cum	1	2	2.951	0.2	0.45	0.53
		Cum	1	2	2.15	0.2	0.45	0.39
	B33,B36,B38	Cum	1	8	7.15	0.2	0.45	5.15
	B8,B12	Cum	1	2	4.1	0.2	0.45	0.74
	B32	Cum	1	4	2.15	0.2	0.45	0.77

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		Cum	1	4	2.76	0.2	0.45	0.99
	B16,B28,B17,B29	Cum	1	4	8.35	0.2	0.45	3.01
	B30A	Cum	1	2	8.02	0.2	0.45	1.44
	B31	Cum	1	2	8.02	0.2	0.6	1.92
	B34,B35	Cum	1	2	8.02	0.2	0.45	1.44
	Staircase Beam	Cum	1	2	3.4	0.2	0.6	0.82
		Cum	2	2	3.4	0.2	0.45	1.22
	B19 ,B20,B21	Cum	2	2	19.69	0.2	0.45	7.09
	B37,B40	Cum	1	4	6.7	0.2	0.6	3.22
	Portico	Cum	1	2	6.09	0.2	0.6	1.46
		Cum	1	1	6.55	0.2	0.6	0.79
	Column	Cum	1	8	0.55	0.2	0.6	0.53
		Cum	1	3	0.55	0.2	0.75	0.25
		Cum	1	3	0.55	0.2	0.6	0.20
					Total Qty Work Done			138.43
					Qty Payble in This Bill			101.79
		Reserve Qty				Above Tender Qty		36.64

For M/s. K. DAMODAR & Co.

Contactor

D. MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore
Consultants

01/12/2024

Assistant Engineer
Ward No-16,
BBMP

01/12/2024

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill	4/12/2024
Item No	25	
Item Name	KSRB 5-14.1 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.2) For Ground Floor	

S.N	Description of work	Unit	No	No	L	B	D	Qty
	B7B8 to M7M8							
	Long Wall	Sqm	2	6	5.4		2.95	191.16
	Short Wall	Sqm	1	8	6.2		2.95	146.32
	Deduct							0
	Lintel	Sqm	1	6	5.4		0.2	-6.48
		Sqm	1	6	1.6		0.2	-1.92
		Sqm	1	1	3.6		0.2	-0.72
		Sqm	1	2	2.4		1.5	-7.2
	Door	Sqm	1	6	1.2		2.4	-17.28
	Windows	Sqm	1	10	1.5		1.5	-22.5
	Windows	Sqm	1	2	2.4		1.5	-7.2
	Windows	Sqm	1	1	3		1.5	-4.5
	Ventilator	Sqm	1	1	6.2		0.3	-1.86
	Ventilator	Sqm	1	1	5.4		0.3	-1.62
	A'2A'6 to C2C6							
	Long Wall	Sqm	2	1	4.25		2.95	25.08
		Sqm	2	1	2.58		3.4	17.54
		Sqm	2	1	5.97		2.95	35.22
		Sqm	2	1	2.63		3.4	17.88
	Short Wall	Sqm	2	1	6.85		2.95	40.42
		Sqm	2	1	1.3		2.95	7.67
		Sqm	2	1	4.35		2.95	25.67
		Sqm	2	2	1.9		3.4	25.84
		Sqm	2	2	1.3		2.95	15.34
	Deduct							
	Column	Sqm	2	2	0.72		2.95	-8.496

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	Lintel	Sqm	1	2	5.32		0.2	-2.128
		Sqm	1	2	5.32		0.2	-2.128
	Stair case landing	Sqm	2	2	0.95		0.15	-0.57
	Door	Sqm	1	2	1.2		2.4	-5.76
	Windows	Sqm	1	8	1.8		1.5	-21.6
	Stair case Room							
		Sqm	1	2	3.4		2.95	20.06
	Deduct							
	Staircase beam	Sqm	1	2	3.4		0.6	-4.08
	Windows	Sqm	1	2	1.8		1.2	-4.32
	A'6 to A'7 & N'6 to N'7							
		Sqm	1	2	4.9		2.95	28.91
	Deduct w	Sqm	1	2	1.5		1.5	-4.5
	D3,D5 to K2,K5							
	Long Wall	Sqm	2	1	6.17		2.95	36.40
		Sqm	2	1	3.67		2.95	21.65
		Sqm	2	2	1.9		3.4	25.84
	Short Wall	Sqm	1	2	4.61		2.7	24.89
		Sqm	1	2	1.83		3.4	12.44
		Sqm	1	2	3.8		2.7	20.52
		Sqm	1	2	2.8		3.4	19.04
		Sqm	1	2	0.55		2.95	3.25
		Sqm	1	2	3.65		2.95	21.54
		Sqm	1	2	2.97		3.4	20.20
		Sqm	1	2	0.67		2.95	3.95
	Deduct							
	Lintel	Sqm	1	2	5		0.2	-2
		Sqm	1	2	1.6		0.2	-0.64
	Door	Sqm	1	2	1.2		2.4	-5.76
	Windows	Sqm	1	4	1.5		1.5	-9
						Total Qty Work Done		664.57
						Qty Payble in This Bill		34.43
		Reserve Qty				**Above Tender Qty**		630.14

For M/s. K. DAMODAR & Co.

Contactor

D. MANJUNATH
Managing Partner

4/12/2021

Assistant Engineer
Ward No-16,
BBMP .

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore
Consultants

4/12/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli in Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill 16/11/2021
Item No	95
Item Name	**Geophysical investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 lt.13.04)

S.N	Description of work	Unit	No	No	L	B	D	Qty
		No		1				1.00
						Total Qty		1.00

For M/s. K. DAMODAR & Co,

Contactor

D. MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore Consultants

10/11/2021

Assitant Engineer
Ward No-16,
BBMP

10/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill				11/11/2021		
Item No	96							
Item Name	**Sinking borewell of 165 mm** dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)							
	0 to 50 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co.

Contractor

P. MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS ★ Bangalore Consultants

11/11/2021

Assitant Engineer
Ward No-16,
BBMP

11/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 11/11/2021						
Item No	97							
Item Name	**Geophysical investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 lt.13.04)							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
	50 to 100 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co.

Contactor
D. MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore
Consultants

Assitant Engineer
Ward No-16,
BBMP
11/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP
11/11/2021

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 11/11/2024						
Item No	98							
Item Name	**Geophysical Investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
	100 to 150 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. R. DAMODAR & Co.

Contractor
MANJUNATH
Managing Partner

Consultants

Assitant Engineer
Ward No-16,
BBMP
11/11/2024

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP
11/11/2024

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 11/11/2024						
Item No	99							
Item Name	**Geophysical Investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 lt.13.04)							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
	150 to 200 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co.

Contactor

D. MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants

11/11/2024

Assitant Engineer
Ward No-16,
BBMP

11/11/2024

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill						
Item No	100							
Item Name	**Geophysical Investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
	200 to 250 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co,

D.MANJUNATH
Managing Partner

Contactor

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants

Assitant Engineer
Ward No-16,
BBMP

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill							11/11/2021
Item No	101							
Item Name	**Geophysical Investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 lt.13.04)							

S.N	Description of work	Unit	No	No	L	B	D	Qty
	250 to 300 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co.

Contactor
D. NARAYANNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants

11/11/2021

Assitant Engineer
Ward No-16,
BBMP

11/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 11/11/2021						
Item No	102							
Item Name	**Geophysical investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)							
S.N	Description of work	Unit	No	No	L	B	D	Qty
	300 to 350 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co.

D. MANJUNATH
Managing Partner
Contactor

Sanjeeva
Consultants
CIVIL QUALITY CONSULTANTS & ENGINEERS

Assitant Engineer
Ward No-16,
BBMP

11/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

11/11/2021

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No : .		1st RA bill						11/11/2024
Item No	103							
Item Name	**Geophysical investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
	350 to 400 m	Rmt	1	1	50.00			50.00
						Total Qty		50.00

For M/s. K. DAMODAR & Co.

Contactor

D. MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultants

11/11/2024

Assitant Engineer
Ward No-16,
BBMP

11/11/2024

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE

Raja Rajeshwari Nagar Division

Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16

MEASUREMENT SHEET

Bill No :	1st RA bill							11/11/2024
Item No	104							
Item Name	**Geophysical Investigation** of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)							

S.N	Description of work	Unit	No	No	L	B	D	Qty
	400 to 420 m	Rmt	1	1	20.00			20.00
						Total Qty		20.00

For M/s. N. DAMODAR & Co.

Contactor

D. MA[illegible]. NATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS
Consultants

11/11/2024
Assistant Engineer
Ward No-16,
BBMP

11/11/2024
Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 12/11/2024						
Item No	105							
Item Name	Providing and fixing 250mm dia PVC (casing pipe) (page no.XXXI, SL no.909) (KPWD SR 2016-17)							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
		Rmt	2	6.00				12.00
						Total Qty		12.00 ✓

For M/s. K. DAMODAR & Co.

D. MANJUNATH
Managing Partner
Contractor

QUALITY CONSULTANTS & ENGINEERS
Bangalore
Consultants

Assitant Engineer
Ward No-16,
BBMP

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 12/11/2024						
Item No	106							
Item Name	Supply of ISI Mark **175mm** nominal Bore, Plain end **steel casing Pipe**-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty. (Page No.III,It no.84)PRED SR 2012-13.							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
		Rmt	1	50.00				50.00
						Total Qty		50.00

For M/s. H. DAMODARA & Co.
Contactor
B.MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore
Consultants

12/11/2024
Assitant Engineer
Ward No-16,
BBMP

12/11/2024
Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill 12/11/2021						
Item No	106							
Item Name	Supply of ISI Mark **175mm** nominal Bore, Plain end **steel casing Pipe**-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
		Rmt	1	50				50.00
							Total Qty	50.00

For M/s. K. DAMODAR & Co.

Contactor

Managing Partner

Consultants

12/11/2021

Assitant Engineer
Ward No-16,
BBMP

12/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli In Ward No 16								
MEASUREMENT SHEET								
Bill No : .		1st RA bill 12/11/21						
Item No	107							
Item Name	Providing **175mm Dia M.S. Collar** (P.No.iii,I.No.86) PRED SR 2012-13							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
		No	8					8.00
						Total Qty		8.00

For M/s. K. DAMODAR & Co.

Contractor

MANJUNATH
Managing Partner

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore Consultants

12/11/2021

Assistant Engineer
Ward No-16,
BBMP

12/11/2021

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

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BRUHAT BENGALURU MAHANAGARA PALIKE								
Raja Rajeshwari Nagar Division								
Name of the work :- Improvements and Development of School Buildings at Jalahalli in Ward No 16								
MEASUREMENT SHEET								
Bill No :		1st RA bill					12/11/2021	
Item No	108							
Item Name	Providing **175mm dia Bore Cap** CE (M) (P.No.iii,I.No.85) PRED SR 2012-13							
S.N	**Description of work**	**Unit**	**No**	**No**	**L**	**B**	**D**	**Qty**
		No	1					1.00
						Total Qty		1.00

For M/s. K. DAMODAR & Co.

D. MANJUNATH
Managing Partner

Contractor

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore
Consultants

12/11/2021

Assitant Engineer
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12/11/2021

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